

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. (Currently Amended) A method of treating the incineration ash and the wastewater sludge, wherein a mutual relation in using nutrients exists between the incineration ash containing the heavy metal and the organic wastes containing the wastewater sludge and sulfate-reducing bacteria, comprising the steps of:

burying the incineration ash together with the organic wastes under the ground, ~~in which~~ whereby the bacteria ~~reduce~~ reduces the sulfates existing in the incineration ash to form the sulfides;

binding the formed sulfides with the heavy metal to form the insoluble metal sulfides, ~~in order to~~ thereby ~~prevent~~ preventing the heavy metal from exuding out of the incineration ash as the an eluate.

2. (Currently Amended) The method for treatment of the incineration ash and the wastewater sludge as claimed in claim 1, ~~characterized in that~~ wherein the said organic wastes comprise the sewage sludge containing the said sulfate-reducing bacteria.

3. (Currently Amended) A method for the treatment of ~~the~~ incineration ash and ~~the~~ wastewater sludge, comprising: burying the incineration ash containing heavy metal together with ~~the~~ organic wastes containing ~~the~~ sulfate-reducing bacteria under the ground as an accumulation, and covering them with a depth of soil, so that ~~the~~ said sulfate-reducing bacteria promote promotes the heavy metal to precipitate in the form of dissoluble metal sulfides, ~~in order to prevent~~ whereby the heavy metal is provided from exuding out of the incineration ash as ~~the~~ an eluate.

4. (Currently Amended) The method for the treatment of the incineration ash and the wastewater sludge as claimed in claim 3, ~~characterized in that~~ comprising two or more unit stages of the buried accumulation, each of which includes the incineration ash and the organic wastes containing the sulfate-reducing bacteria, ~~are~~ said accumulations being constructed in a predetermined pattern of arrangement, and the layer depth of covering soil ~~forms~~ forming a barrier which defines ~~the~~ a boundary between ~~the~~ said unit stages of ~~the~~ buried accumulation.

5. (Currently Amended) The method for treatment of the incineration ash and the wastewater sludge as claimed in claims 3 or 4, ~~characterized in that the wherein~~ said organic wastes comprise ~~the~~ sewage sludge containing the said sulfate-reducing bacteria.

6. (Currently Amended) A method for the treatment of the incineration ash and the wastewater sludge, which comprising the steps:

collecting and mixing the aqueous eluate ~~exuding exuded out of from~~ the incineration ash and the aqueous eluate ~~exuding exuded out of the from~~ organic waste containing the said sulfate-reducing bacteria, in a disposal plant; and

reacting both of the aqueous elutes so that the ~~the~~ said sulfate-reducing bacteria existing in the aqueous eluate ~~exuding out of the exuded from~~ organic waste containing ~~the~~ said sulfate-reducing bacteria, in a disposal plant; and

reacting both of the aqueous elutes so that the ~~the~~ said sulfate-reducing bacteria existing in the aqueous eluate ~~exuding out of exuded from~~ the organic waste deposits ~~the~~ heavy metals from the aqueous eluate ~~exuding out of exuded from~~ the incineration ash as the insoluble metal sulfides, which results in the disposal of the aqueous eluate ~~exuding out of exuded from~~ the incineration ash and the aqueous eluate ~~exuding out of exuded from~~ the organic waste.

7. (CANCELLED)

8. (Currently Amended) The method for the treatment of the incineration ash and the wastewater sludge as claimed in claim 6, ~~characterized in that wherein~~ the ~~said~~ organic wastes comprises ~~the sewage~~ wastewater sludge containing ~~the~~ said sulfate-reducing bacteria.